| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. IDF 1541 | SERIAL NO. 09/919,436 |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT FOR: Middleware Brokering System | APPLICANTS: Shrikant Jannu, et al. | |
| | FILING DATE: 07/31/01 | GROUP ~~2152~~ 2142 |

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| Examiner Initial | | | Patent Number | | | | | | | Issue Date | Patentee | Class | Sub-class | Filing Date (If Appropriate) |
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### FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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